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## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

|                        |                           |
|------------------------|---------------------------|
| Application Number     | 10/014,231                |
| Filing Date            | DECEMBER 11, 2001         |
| First Named Inventor   | ANTONIO COLMENAREZ ET AL. |
| Group Art Unit         | 2151                      |
| Examiner Name          |                           |
| Attorney Docket Number | US 010537                 |

These documents may be relevant in that they have been (check one):

- ☐ considered in drafting the specification of the above referenced application;
- ☐ cited in the specification of the above-referenced application;
- ☐ previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copies required);
- ☒ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed; or
- ☐ otherwise a concise explanation of the relevance of each document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is append hereto.

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if the date of this IDS may be after the date of a final Office Action - per §1.97(e) check one:

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Please charge any required fee under § 1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

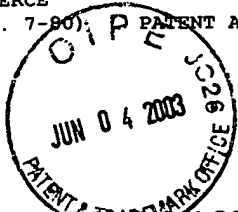
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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|-------------------|--------------|------------------|--------|
| Name (Print Type) | Aaron Waxler | Registration No. | 48,027 |
| Signature         |              | Date             | 6/2/03 |

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| Signature         |               |      |          |

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|---|--|--|--|--------------------------|--|
| Form PTO-1449<br>U.S. DEPARTMENT OF<br>COMMERCE<br>(REV. 7-90) PATENT AND TRADEMARK OFFICE  |  | Atty. Docket No.<br>US 010537          |  | Serial No.<br>10/014,231 |  |
| <div style="text-align: center;">  </div> INFORMATION DISCLOSURE CITATION<br>(Use several sheets if necessary) |  | Applicant<br>ANTONIO COLMENAREZ ET AL. |  |                          |  |
|   |  | Filing Date<br>12/11/01                |  | Group<br>2151            |  |

| U.S. PATENT DOCUMENTS |    |                 |   |   |   |   |   |   |         |                 |      |       |           |                        |
|-----------------------|----|-----------------|---|---|---|---|---|---|---------|-----------------|------|-------|-----------|------------------------|
| Ex. Int.              |    | Document Number |   |   |   |   |   |   |         | Date            | Name | Class | Sub-class | Filing Date If Approp. |
|                       | AA | 5               | 8 | 9 | 5 | 4 | 6 | 4 | 4/20/99 | BHANDARI ET AL. | 707  | 3     |           |                        |
|                       | AB |                 |   |   |   |   |   |   |         |                 |      |       |           |                        |
|                       | AC |                 |   |   |   |   |   |   |         |                 |      |       |           |                        |
|                       | AD |                 |   |   |   |   |   |   |         |                 |      |       |           |                        |
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|                       | AF |                 |   |   |   |   |   |   |         |                 |      |       |           |                        |

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| FOREIGN PATENT DOCUMENTS |    |                 |  |  |  |  |  |  |  |      |         |       |           |        |    |
|--------------------------|----|-----------------|--|--|--|--|--|--|--|------|---------|-------|-----------|--------|----|
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|                          |    |                 |  |  |  |  |  |  |  |      |         |       |           | Yes    | No |
|                          | AG |                 |  |  |  |  |  |  |  |      |         |       |           |        |    |
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|                          | AI |                 |  |  |  |  |  |  |  |      |         |       |           |        |    |
|                          | AJ |                 |  |  |  |  |  |  |  |      |         |       |           |        |    |
|                          | AK |                 |  |  |  |  |  |  |  |      |         |       |           |        |    |

| OTHER (Including Author, Title, Date, Pertinent Pages, Etc.) |    |   |
|--|----|---|
|  | AL | Schafer et al: "Recommender systems in e-commerce" Proceedings ACM Conference On Electronic Commerce, 1999, pages 158-166 |
|  | AM |   |
|  | AN |   |

|          |                 |
|----------|-----------------|
| Examiner | Date Considered |
|----------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.